

**DEFINITIONS**

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## DEFINITIONS

Unless expressly provided otherwise, the definitions for terms defined in the Permit shall prevail over other definitions. Definitions in [WAC 173-303-040](#) are incorporated by reference. Terms in [Chapter 173-303 WAC](#) that aren't defined in [WAC 173-303-040](#) have either the same meaning as set forth in [40 CFR](#) Parts [260](#), [264](#), [270](#), or [124](#), if defined there, or the standard technical meaning. If we have not defined a term below, in the regulations, or in the [HFFACO](#) (for milestones, compliance schedules, and related work requirements that are incorporated by reference), use a standard dictionary reference or the generally accepted scientific or industrial meaning. Also below are clarifications of terms to help the reader.

Words in the masculine gender also include the feminine and neuter genders, words in the singular include the plural, and words in the plural include the singular.

The following definitions apply throughout this Permit:

- a. The term "**administrative record**" means the body of documents and records that support a decision. There are more specifics in the definition in Appendix A of the TPA.
- b. The term "**area of concern**" means any area that is not a solid waste management unit, where there is a release or threatened release of a dangerous waste or dangerous waste constituents, regardless of the frequency or duration, that may pose a threat to human health or the environment, under [WAC 173-303-800\(8\)](#).
- c. The term "**condition**" means a specific instruction the Permittees must follow.
- d. The term "**days**" means calendar days, unless noted otherwise. Any submittal, notification, or recordkeeping requirement that would be due on a Saturday, Sunday, or federal or state holiday, will be due on the following business day, unless specifically stated otherwise.
- e. The term "**Director**" means the Director of the Washington State Department of Ecology, or a designated representative. The Program Manager of the Nuclear Waste Program (with the address as specified on the Signature page) is a duly authorized and designated representative of the Director for purposes of this Permit.
- f. The term "**Clean Closure**" means the status of a TSD unit at the Facility which has been closed to the closure performance standards in [WAC 173-303-610\(2\)\(b\)](#), and provided certification of such closure has been accepted by Ecology.
- g. The term "**Containment building**" means a dangerous waste management unit that is used to store or treat dangerous waste under the provisions of [WAC 173-303-695](#).
- h. The term "**Dangerous Waste Management Unit**" means a contiguous area of land on or in which dangerous waste is placed, or the largest area in which there is a significant likelihood of mixing dangerous waste constituents in the same area. Examples of dangerous waste management units include a surface impoundment, a waste pile, a land treatment area, a landfill cell, an incinerator, a tank and its associated piping and underlying containment system and a container storage area. A container alone does not constitute a unit; the unit includes containers and the land or pad upon which they are placed.
- i. The term "**Dangerous Wastes**" means those solid wastes designated in [WAC 173-303-070](#) through [173-303-100](#) as dangerous, or extremely hazardous or mixed waste. As used in this chapter, the words "dangerous waste" will refer to the full universe of wastes regulated by this chapter. The abbreviation "DW" will refer only to that part of the regulated universe which is not extremely hazardous waste.
- j. The term "**Ecology**" or "**we**" means the Washington State Department of Ecology (with the address as specified on Signature page of this Permit).
- k. The term "**Facility**" means all contiguous land, and structures, other appurtenances, and improvements on the Hanford Site, as defined in Permit Attachment 2, that are used for recycling, reusing, reclaiming, transferring, storing, treating, or disposing of dangerous waste. As a general

matter, a facility may consist of several treatment, storage, or disposal operational units (for example, one or more landfills, surface impoundments, or combination of them). Unless otherwise specified in this chapter, the terms "facility," "treatment, storage, disposal facility," "TSD facility," "dangerous waste facility" and "waste management facility" are used interchangeably. When used as part of a formal name, "facility" is not intended to mean "Facility" as defined above.

- l. The term **"Facility"** for the purposes of implementing corrective action under Permit Condition II.Y, [WAC 173-303-64620](#), or [WAC 173-303-64630](#) also means all contiguous property under the control of an owner or operator seeking a permit under [Chapter 70.105](#) RCW or [Chapter 173-303](#) WAC and includes the definition of "facility" at [RCW 70.105D.020\(5\)](#). For the purposes of this definition, the Facility means the Hanford Site, as defined in Permit Attachment 2.
- m. The term **"HFFACO"** means the Hanford Federal Facility Agreement and Consent Order, as amended (commonly referred to as the Tri-Party Agreement [TPA]).
- n. The term **"Inactive portion"** means that portion of a facility which has not recycled, treated, stored, or disposed dangerous waste after:  
The effective date of the waste's designation, for wastes designated under 40 CFR Part 261; and  
March 10, 1982, for wastes designated only by this chapter and not designated by 40 CFR Part 261.
- o. The term **"incorporated by reference"** means that by referring to it, we are making it part of the permit. Unless otherwise specified, material incorporated by reference (e.g. regulations, standards or other documents) is incorporated as it exists as of the effective date of incorporation.
- p. The term **"Interim status permit"** means a temporary permit given to TSD facilities which qualify under [WAC 173-303-805](#).
- q. The term **"Landfill"** means a disposal facility, or part of a facility, where dangerous waste is placed in or on land and which is not a pile, a land treatment facility, a surface impoundment, or an underground injection well, a salt dome formation, a salt bed formation, an underground mine, a cave, or a corrective action management unit.
- r. The term **"Miscellaneous unit"** means a dangerous waste management unit where dangerous waste is treated, stored, or disposed of and that is not a container, tank, surface impoundment, pile, land treatment unit, landfill, incinerator, boiler, industrial furnace, underground injection well with appropriate technical standards under 40 CFR Part 146, containment building, corrective action management unit, temporary unit, staging pile, or unit eligible for a research, development, and demonstration permit under [WAC 173-303-809](#).
- s. The term **"Mixed waste"** means a dangerous, extremely hazardous, or acutely hazardous waste that contains both a nonradioactive hazardous component and, as defined by 10 CFR 20.1003, source, special nuclear, or by-product material subject to the Atomic Energy Act of 1954 [42 U.S.C. 2011 et seq.].
- t. The term **"offsite waste"** means "waste that is specifically identified in Section II, paragraph 8 of the Settlement Agreement re: Washington v. Bodman, Civil No. 2:30-cv-05018-AAM, January 6, 2006" means:
  - a) Naval reactor compartments, reactor core barrels, reactor closure heads, and pumps from Puget Sound Naval Shipyard or Pearl Harbor Naval Shipyard that may contain LLW or MLLW;
  - b) Demolition wastes from the Emergency Decontamination Facility at Kadlec Hospital in Richland;
  - c) Materials resulting from DOE-related work at Battelle Pacific Northwest National Laboratory's facilities in Richland, Washington;
  - d) Materials from treatability studies conducted off-site on waste samples from the Hanford Site's underground tanks;
  - e) Samples of wastes from Hanford;

- 1 f) Materials shipped from Hanford for off-site treatment and returned to Hanford for later  
2 disposition; and
- 3 g) Materials shipped from Hanford for off-site disposal, but returned to Hanford because the  
4 materials failed to meet Waste Acceptance Criteria or otherwise could not be disposed of at the  
5 intended disposal site.
- 6 u. The term "**Permittees**" means the United States Department of Energy (owner/operator) and  
7 Operators identified on the Signature page of this Permit.
- 8 v. The term "**Permittees**" for purposes of corrective action under Condition II.Y means only the United  
9 States Department of Energy (owner/operator).
- 10 w. The term "**Process control and monitoring**" for the purposes of Condition I.F.1.b, means gathering  
11 data that will not be used for regulatory decision-making subject to the requirements of this Permit, to  
12 systematically check or verify a series of actions, operations, or systems.
- 13 x. The term "**Raw Data**" means the initial value of analog or digital instrument output, and manually  
14 recorded values obtained from measurement tools or personal observation. These values are  
15 converted into reportable data (e.g., concentration, percent moisture) via automated procedures or  
16 manual calculations.
- 17 y. The term "**Reasonable Times**" means normal business hours; hours during which production,  
18 treatment, storage, construction, disposal, or discharge occurs; or times when Ecology suspects a  
19 violation requiring immediate inspection.
- 20 z. The term "**Release**" means any intentional or unintentional spilling, leaking, pouring, emitting,  
21 emptying, discharging, injecting, pumping, escaping, leaching, dumping, or disposing of dangerous  
22 wastes, or dangerous waste constituents as defined at [WAC 173-303-64610\(4\)](#), into the environment.  
23 It also includes the abandonment or discarding of barrels, containers, and other receptacles containing  
24 dangerous waste or dangerous waste constituents, and any releases within the meaning of "release" at  
25 [RCW 70.105D.020\(25\)](#).
- 26 aa. The term "**Solid waste management unit**" or "**SWMU**" means any discernible location at a facility,  
27 as defined for the purposes of corrective action, where solid wastes have been placed at any time,  
28 irrespective of whether the location was intended for the management of solid or dangerous waste.  
29 Such locations include any area at a facility at which solid wastes, including spills, have been  
30 routinely and systematically released. Such units include regulated units as defined by chapter [173-](#)  
31 [303](#) WAC.
- 32 bb. The term "**State Fiscal Year**" means a period beginning July 1 and ending June 30 of the following  
33 calendar year.
- 34 cc. The term "**State-only dangerous waste**" means a waste designated only by chapter [173-303](#) WAC,  
35 and is not regulated as a hazardous waste under 40 CFR Part 261.
- 36 dd. The term "**TSD unit**" or "**unit group**" means an administrative grouping of one or more dangerous  
37 waste management units that are functionally or geographically related and are treated as a group for  
38 the purpose of preparing and submitting a permit application and/or closure plan under Part III, V, or  
39 VI.

1   **ABBREVIATIONS AND ACRONYMS**

2	AEA	Atomic Energy Act of 1954
3	ALARA	As Low As Reasonably Achievable
4	BNI	Bechtel National, Incorporated
5	B Plant	B Plant Complex
6	CA	Corrective Action
7	CERCLA	Comprehensive Environmental Response, Compensation, and Liability
8		Act of 1980, as amended
9	CFR	Code of Federal Regulations
10	CHPRC	CH2M Hill Plateau Remediation Company
11	CIP	Construction Inspection Plan
12	CLARC	Cleanup Levels and Risk Calculations
13	CLP	Contract Laboratory Program
14	COC	Contaminants of Concern
15	CPP	CERCLA Past Practice
16	CWC	Central Waste Complex
17	DQO	Data Quality Objective
18	DSC	Differential Scanning Calorimetry
19	DST System	Double-Shell Tank System and 204-AR Waste Unloading Station
20	DWMU	Dangerous Waste Management Unit
21	EC	Emergency Coordinator
22	Ecology	Washington State Department of Ecology
23	EPA	U.S. Environmental Protection Agency
24	FFTF	Fast Flux Test Facility
25	GTF	Grout Treatment Facility
26	GW	Ground Water
27	<a href="#"><u>HFFACO</u></a>	Hanford Federal Facility Agreement and Consent Order
28	HEIS	Hanford Environmental Information System
29	Hexone	Hexone Storage and Treatment Facility
30	HGIS	Hanford Geological Information System
31	HSWA	Hazardous and Solid Waste Amendments of 1984
32	HWMA	Hazardous Waste Management Act
33	ID	Identification
34	IDF	Integrated Disposal Facility
35	IRIS	Integrated Risk Information System
36	IRM	Interim Remedial Measure

1	LDR	Land Disposal Restrictions
2	LERF	Liquid Effluent Retention Facility
3	LLBG	Low Level Burial Grounds
4	MSA	Mission Support Alliance, LLC
5	MTCA	Model Toxics Control Act
6	NCR	Non-Conformance Report
7	NRDWL	Non-Radioactive Dangerous Waste Landfill
8	pH	Negative Logarithm of the Hydrogen-ion Concentration
9	PNNL	Pacific Northwest National Laboratory
10	PUREX	Plutonium-Uranium Extraction (Plant)
11	PUREX 1 & 2	PUREX Storage Tunnels
12	QA	Quality Assurance
13	QAPP	Quality Assurance Project Plan
14	QC	Quality Control
15	RCRA	Resource Conservation and Recovery Act of 1976, as amended
16	R-CPP	RCRA-CERCLA Past Practice
17	RCW	Revised Code of Washington
18	ROD	Record of Decision
19	RPD	Relative Percent Difference
20	SAP	Sampling and Analysis Plan
21	SARA	Superfund Amendments and Reauthorization Act of 1986
22	SCD	Security Control Devices
23	SOP	Standard Operating Procedure
24	SST System	Single-Shell Tank System
25	SWL	Solid Waste Landfill
26	SWMU	Solid Waste Management Unit
27	SWOC	Solid Waste Operations Complex
28	TCLP	Toxicity Characteristic Leaching Procedure
29	TPA	Tri-Party Agreement [Hanford Federal Facility Agreement and Consent
30		Order ( <a href="#">HFFACO</a> )]
31	T Plant	T Plant
32	TSD	Treatment, Storage, and Disposal
33	USDOE	United States Department of Energy
34	USDOE-RL	U.S. Department of Energy-Richland Operations Office
35	USDOE-ORP	U.S. Department of Energy-Office of River Protection
36	U.S.C.	United States Code

WA7890008967 Hanford Facility Dangerous Waste Permit  
Definitions

1	WAC	Washington Administrative Code
2	WAP	Waste Analysis Plan
3	WCH	Washington Closure Hanford, LLC
4	WESF	Waste Encapsulation and Storage Facility
5	WIDS	Waste Information Data System
6	WRAP	Waste Receiving and Processing Facility
7	WRP	Waste Retrieval Project
8	WRPS	Washington River Protection Solutions, LLC
9	WTP	Waste Treatment and Immobilization Plant
10	183-H	183-H Solar Evaporation Basins
11	1301-N	1301-N Liquid Waste Disposal Facility
12	1324-N & NA	1324-N Surface Impoundment and 1324-NA Percolation Pond
13	1325-N	1325-N Liquid Waste Disposal Facility
14	1706-KE	1706-KE Waste Treatment System
15	200 Area ETF	200 Area Effluent Treatment Facility
16	207-A	207-A South Retention Basin
17	216-A-29	216-A-29 Ditch
18	216-A-36B	216-A-36B Crib
19	216-A-37-1	216-A-37-1 Crib
20	216-B-63	216-B-63 Trench
21	216-B-3	216-B-3 Main Pond
22	216-S-10	216-S-10 Pond and Ditch
23	222-S	222-S Dangerous & Mixed Waste TSD Unit
24	241-CX	241-CX Tank System
25	242-A	242-A Evaporator
26	300 APT	300 Area Process Trenches
27	325 HWTUs	325 Hazardous Waste Treatment Units
28	331-C SU	331-C Storage Unit
29	400 Area WMU	400 Area Waste Management Unit
30	600 Area Purgewater	600 Area Purgewater Storage and Treatment Facility

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